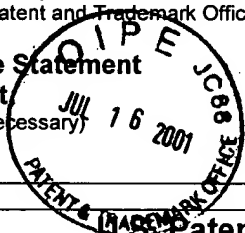


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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01997-282001	Application No. 09/811,824
	Applicant George P. Anderson et al.		
	Filing Date March 20, 2001	Group Art Unit 1645	



U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
CMK	AA	6,251,303 B1	06-26-2001	Bawendi et al.			
	AB	6,207,229 B1	03-27-2001	Bawendi et al.			
	AC	6,114,038	09-05-2000	Castro et al.			
	AD	5,990,479	11-23-1999	Weiss et al.			
	AE	5,985,353	11-16-1999	Lawton et al.			
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	AH	5,736,330	04-07-1998	Fulton			
	AI	5,721,099	02-24-1998	Still et al.			
	AJ	5,674,698	10-07-1997	Zarling et al.			
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	AM	5,537,000	07-16-1996	Alivisatos et al.			
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	AO	5,505,928	04-09-1996	Alivisatos et al.			
CMK	AP	5,262,357	11-16-1993	Alivisatos et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
CMK	AQ	WO 01/07689	02-01-2001	WIPO				
	AR	WO 00/28089	05-18-2000	WIPO				
	AS	WO 00/28088	05-18-2000	WIPO				
	AT	WO 00/27436	05-18-2000	WIPO				
	AU	WO 00/27365	05-18-2000	WIPO				
	AV	WO 00/17656	03-30-2000	WIPO				
	AW	WO 00/17655	03-30-2000	WIPO				
CMK	AX	WO 00/17642	03-30-2000	WIPO				

Examiner Signature <i>CHL</i>	Date Considered <i>8/6/03</i>
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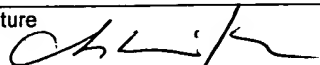
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01997-282001	Application No. 09/811,824
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							Yes	No
CRK	AY	WO 00/17103	03-30-2000	WIPO				
	AZ	WO 99/50916	10-07-1999	WIPO				
	AAA	WO 99/26299	06-27-1999	WIPO				
	ABB	WO 99/19515	04-22-1999	WIPO				
	ACC	WO 98/19963	05-14-1998	WIPO				
CRK	ADD	WO 98/04740	02-05-1998	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
CRK	AEE	Alivisatos, A. P., "Perspectives on the Physical Chemistry of Semiconductor Nanocrystals", J. Phys. Chem., Vol. 100, No. 31, pp. 13226-13239, (1996).
	AFF	Alivisatos, A. P., "Organization of 'nanocrystal molecules' using DNA", Nature, Vol. 382, pp. 609-611, (1996).
	AGG	Baldwin et al., "Synthesis of a Small Molecule Combinatorial Library Encoded with Molecular Tags", J. Am. Chem. Soc., Vol. 117, No. 20, pp. 5588-5589, (1995).
	AHH	Beverloo et al., "Preparation and Microscopic Visualization of Multicolor Luminescent Immunophosphors", Cytometry, Vol. 13, No. 6, pp. 561-570, (1992).
	AII	Bruchez Jr., M. P., "Luminescent Semiconductor Nanocrystals—Intermittent Behavior and Use as Fluorescent Biological Probes", Doctoral Dissertation, University of California, (July 13, 1999).
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	AKK	Chan et al., "Quantum dot Bioconjugates for Ultrasensitive Nonisotopic Detection", Science, Vol. 281, pp. 2016-2018, (1998).
	ALL	Chee et al., "Accessing Genetic Information with High Density DNA Arrays", Science, Vol. 274, No. 5287, pp. 610-614, (1998).
	AMM	Coffer et al., "Characterization of quantum-confined CdS nanocrystallites stabilized by deoxyribonucleic acid (DNA)", Nanotechnology, Vol. 3, pp. 69-76, (1992).
	ANN	Czarnik, A. W., "Encoding methods for combinatorial chemistry", Curr. Opin. Chemical Biology, Vol. 1, pp. 60-66, (1997).
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	APP	Egner et al., "Tagging in combinatorial chemistry: the use of coloured and fluorescent beads", Chem. Commun., pp. 735-736, (1997).
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	ARR	Jacoby, "Quantum Dots Meet Biomolecules", C&E News, 8, (Sept. 28, 1988).
CRK	ASS	Kortan et al., "Nucleation and Growth of CdSe on ZnS Quantum Crystallite Seeds, and Vice Versa, in Inverse Micelle Media", J. Am. Chem. Soc., Vol. 112, No. 4, pp. 1327-1332, (1990).

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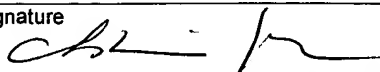
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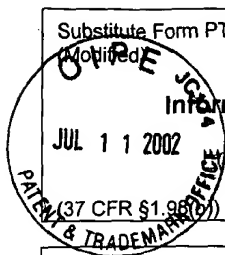
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Examiner Initial	Desig. ID	Document
CMK	ATT	Lee et al. "Surface Derivatization of Nanocrystalline CdSe Semiconductors", Mat. Res. Soc. Symp. Proc., Vol. 452, pp. 323-328 (1997).
	AUU	Lett, D. N., "Color-Coding Quantum Dots Debut With Promising Careers In Clinical Diagnostics Field", BioWorld Today, Vol. 9, No. 185, p. 1, (1998).
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	AYY	Mattoussi et al., "Bioconjugation of Highly Luminescent Colloidal CdSe-ZnS Quantum Dots with an Engineered Two-Domain Recombinant Protein", phys. stat. sol. (b), Vol. 224, No. 1, pp. 277-283, (2001).
	AZZ	McGall et al., "Light-directed synthesis of high-density oligonucleotide arrays using semiconductor photoresists", Proc. Natl. Acad. Sci., Vol. 93, pp. 13555-13560, (1996).
	AAAA	Mikulec et al., "Fluorescent Semiconductor Nanocrystallites Derivatized With Biomolecules", Am. Chem. Soc. Abstracts of Papers Part 3, 018, (1998).
	ABBB	Murphy et al., "Quantum Dots as Inorganic DNA-Binding Proteins", Mat. Res. Soc. Symp. Proc., Vol. 452, pp. 597-600, (1997).
	ACCC	Murray et al., "Synthesis and Characterization of Nearly Monodisperse CdE (E = S, Se, Te) Semiconductor Nanocrystallites", J. Am. Chem. Soc., Vol. 115, No. 19, pp. 8706-8715, (1993).
	ADDD	Nozik et al., "Colloidal Quantum Dots Of III-V Semiconductors", MRS Bulletin, Vol. 23, No. 2, pp. 24-30, (1998).
	AEEE	Schröck et al., "Multicolor Spectral Karyotyping of Human Chromosomes", Science, Vol. 273, pp. 494-497, (1996).
	AFFF	Service, R. F., "Semiconductor Beacons Light Up Cell Structure", Science, Vol. 281, pp. 1930-1931, (1998).
	AGGG	Wade, Nicholas, "In the Hunt for Useful Genes, a Lot Depends on 'Snips' ", New York Times, Section C, pp. 1 & 5, (1998).
CMK	AHHH	Zhang et al., "Novel Flow Cytometry Compensation Standards: Internally Stained Fluorescent Microspheres With Matched Emission Spectra and Long-Term Stability", Cytometry, Vol. 33, No. 2, pp. 244-248, (1998).

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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
CTK	AA	4,738,932	Apr. 19, 1998	Yabusaki			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
CTK	AB	WO 94/11103	May 26, 1994	WIPO				
CTR	AC	EP 0 990 903 A1	April 5, 2000	Europe				

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